

2. (New) A method for handling byte code in a configurable manner, said method comprising:

receiving a data stream;

identifying a byte code header within the data stream; and

extracting information from the byte code header, wherein the extracted

information includes:

references to one or more classes, and

timing information corresponding the one or more classes, wherein the

timing information specifies a first deadline; and

completing the loading of the one or more classes before the first deadline.

3. (New) The method of claim 2, wherein the timing information includes a second deadline, and wherein the method includes refraining from beginning the loading of the one or more classes before the second deadline.

4. (New) The method of claim 2, wherein the timing information includes a second deadline, and wherein the method includes beginning the loading of the one or more classes after the second deadline.

5. (New) The method of claim 4, wherein the first and second deadlines are specified as time stamps.

6. (New) The method of claim 2, further comprising executing the byte code.

7. (New) The method of claim 2, further comprising:

detecting whether said loading is not completed before the first deadline; and

reporting an error in response.

8. (New) The method of claim 2, wherein the extracted information specifies the format of the byte code.

9. (New) The method of claim 8, further comprising configuring the receiving of the data stream by using the format to identify additional byte code headers within the data stream.

10. (New) The method of claim 2, wherein the extracted information specifies a delivery method for the byte code.

11. (New) The method of claim 10, further comprising configuring the receiving of the data stream according to the delivery method.

12. (New) The method of claim 2, wherein the extracted information also specifies the interactions of the byte code.

13. (New) The method of claim 2, wherein the extracted information also specifies the behavior of the byte code.

14. (New) A programmable control system for handling byte code transport, wherein the programmable control system comprises:

a computer-readable medium having computer program code embodied therein,

wherein the computer program code is configured to cause the programmable control system to:

receive a data stream including a byte code with a header;

extract information from the header, wherein the information includes

configuration information for the programmable control system, wherein said configuration information includes timing information to control the loading of classes; and

time the loading of additional code or data relative to the timing information from the header.

15. (New) The programmable control system of claim 14, wherein the information includes information descriptive of application program interfaces to be loaded.

16. (New) The programmable control system of claim 15, wherein the application program interfaces to be loaded include a scene graphs processor application program interface.

17. (New) The programmable control system of claim 15, wherein the application program interfaces to be loaded include a data stream decoder application program interface.

18. (New) The programmable control system of claim 17, wherein the data stream decoder program interface uses the MPEG-1, MPEG-2, or MPEG-4 standard.

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19. (New) The programmable control system of claim 15, wherein the application program interfaces to be loaded include a network interface application program interface.

20. (New) The programmable control system of claim 15, wherein the information includes a transport mechanism specifying either RTP (Real-time Transport Protocol) or MPEG-2.

21. (New) A method for handling byte code transport comprising:
determining a byte code ready for transport;
constructing a header for the byte code; and
sending the header and the byte code attached as a data stream, wherein the header includes configuration and timing information for programmably receiving the byte code in a timely fashion.

22. (New) The method of claim 21, wherein the sending is a broadcast to multiple destinations.